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FILE 'REGISTRY' ENTERED AT 14:21:27 ON 09 SEP 2005  
L1 STRUCTURE UPLOADED  
L2 0 S L1  
L3 1 S L1 FUL

FILE 'CAPLUS' ENTERED AT 14:22:39 ON 09 SEP 2005  
L4 1 S L3

FILE 'REGISTRY' ENTERED AT 14:25:01 ON 09 SEP 2005  
L5 STRUCTURE UPLOADED  
L6 0 S L5  
L7 1 S L5 FUL

FILE 'CAPLUS' ENTERED AT 14:25:57 ON 09 SEP 2005  
L8 1 S L7

FILE 'REGISTRY' ENTERED AT 14:31:55 ON 09 SEP 2005  
L9 STRUCTURE UPLOADED  
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L11 4 S L9 FUL  
L12 STRUCTURE UPLOADED  
L13 0 S L12  
L14 1 S L12 FUL

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L15 1 S L14

FILE 'REGISTRY' ENTERED AT 14:44:30 ON 09 SEP 2005  
L16 STRUCTURE UPLOADED  
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L18 2 S L16 FUL

FILE 'CAPLUS' ENTERED AT 14:46:47 ON 09 SEP 2005  
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L20 0 S L19 NOT L8

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L21 STRUCTURE UPLOADED  
L22 0 S L21  
L23 2 S L21 FUL

FILE 'CAPLUS' ENTERED AT 14:52:45 ON 09 SEP 2005  
L24 1 S L23

=> s l24 not l19  
L25 0 L24 NOT L19

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2005:60011 CAPLUS  
 DN 142:134318  
 TI Novel esters of monomethyl branched alcohols and process for preparing and using same in cosmetics and personal care products  
 IN Walele, Ismail I.; Syed, Samad A.  
 PA Finetex, Inc., USA  
 SO U.S. Pat. Appl. Publ., 13 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English

FAN.CNT 1

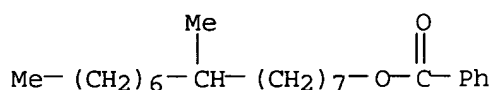
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2005014961	A1	20050120	US 2004-757008	20040114
PRAI	US 2003-488000P	P	20030714		
OS	MARPAT 142:134318				

AB Novel benzoate, octanoate, and maleate esters of branched monomethyl C16-C17 alcs., their process of manufacture and their use as a cosmetic ingredient for cosmetic formulations are disclosed. The esters are useful for cosmetics and personal care cleansing products, such as skin and hair care products, sunscreen, and antiperspirant. Thus, in a 1000 mL four neck round bottom flask equipped with glass stirrer, distillation head, condenser, and receiver, added 400.2 g (1.0 mol) Neodol 67 (C16 & C17 Alc.) and 199.8 g (1.025 mol) benzoic acid. The temperature was raised to 60° with a good flow of nitrogen. At 60°, added 0.9 g stannous oxalate and continued to heat to 240° maintaining a good flow of nitrogen over 120 min, and held for 2 h at 240° while collecting the distillate (28 g) against theor. ests. of 29.5 g. The ester had the acidity of 3.8 mg KOH/g and it was cooled to 40° to give, after workup, Neodol 67 benzoate ester (535 g).

IT **825648-93-9P**, 8-Methylpentadecyl benzoate  
 RL: BUU (Biological use, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (Preparation of esters of monomethyl branched alcs. for cosmetics and personal care products)

RN 825648-93-9 CAPLUS

CN 1-Pentadecanol, 8-methyl-, benzoate (9CI) (CA INDEX NAME)



L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2005:60011 CAPLUS  
 DN 142:134318  
 TI Novel esters of monomethyl branched alcohols and process for preparing and using same in cosmetics and personal care products  
 IN Walele, Ismail I.; Syed, Samad A.  
 PA Finetex, Inc., USA  
 SO U.S. Pat. Appl. Publ., 13 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

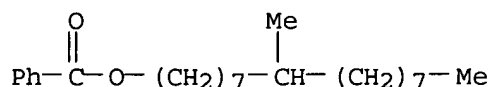
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005014961	A1	20050120	US 2004-757008	20040114
PRAI	US 2003-488000P	P	20030714		
OS	MARPAT 142:134318				

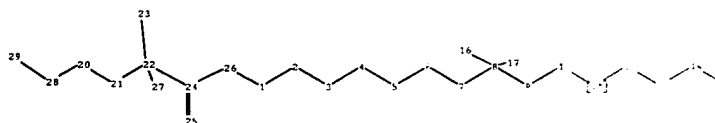
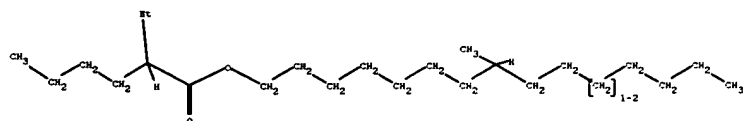
AB Novel benzoate, octanoate, and maleate esters of branched monomethyl C16-C17 alcs., their process of manufacture and their use as a cosmetic ingredient for cosmetic formulations are disclosed. The esters are useful for cosmetics and personal care cleansing products, such as skin and hair care products, sunscreen, and antiperspirant. Thus, in a 1000 mL four neck round bottom flask equipped with glass stirrer, distillation head, condenser, and receiver, added 400.2 g (1.0 mol) Neodol 67 (C16 & C17 Alc.) and 199.8 g (1.025 mol) benzoic acid. The temperature was raised to 60° with a good flow of nitrogen. At 60°, added 0.9 g stannous oxalate and continued to heat to 240° maintaining a good flow of nitrogen over 120 min, and held for 2 h at 240° while collecting the distillate (28 g) against theor. ests. of 29.5 g. The ester had the acidity of 3.8 mg KOH/g and it was cooled to 40° to give, after workup, Neodol 67 benzoate ester (535 g).

IT **825648-94-0P**, 8-Methylhexadecyl benzoate  
 RL: BUU (Biological use, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (Preparation of esters of monomethyl branched alcs. for cosmetics and personal care products)

RN 825648-94-0 CAPLUS

CN 1-Hexadecanol, 8-methyl-, benzoate (9CI) (CA INDEX NAME)





chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27  
28 29

chain bonds :

1-2 1-26 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-16 8-17 9-10 10-11 11-12 12-13  
13-14 14-15 20-21 20-28 21-22 22-23 22-24 22-27 24-25 24-26 28-29

exact/norm bonds :

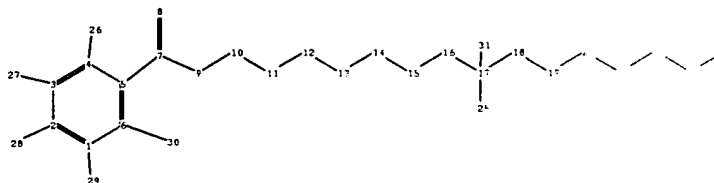
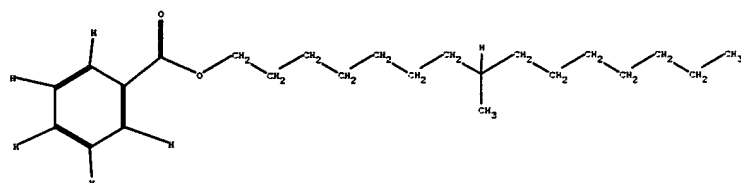
24-25 24-26

exact bonds :

1-2 1-26 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-16 8-17 9-10 10-11 11-12 12-13  
13-14 14-15 20-21 20-28 21-22 22-23 22-24 22-27 28-29

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 20:CLASS 21:CLASS  
22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29  
30 31

ring nodes :

1 2 3 4 5 6

chain bonds :

1-29 2-28 3-27 4-26 5-7 6-30 7-8 7-9 9-10 10-11 11-12 12-13 13-14 14-15  
15-16 16-17 17-18 17-25 17-31 18-19 19-20 20-21 21-22 22-23 23-24

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-8 7-9

exact bonds :

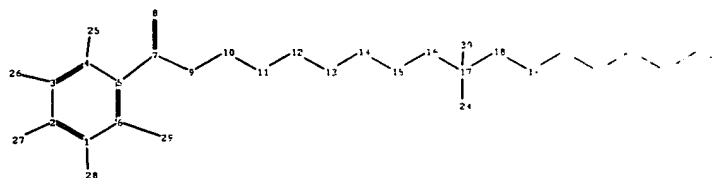
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17-18 17-25 17-31 18-19 19-20 20-21 21-22 22-23 23-24

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS  
29:CLASS 30:CLASS 31:CLASS



7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 . . .  
30 31 32

1 2 3 4 5 6

1-28 2-27 3-26 4-25 5-7 6-29 7-8 7-9 9-10 10-11 11-12 12-13 13-14 14-15  
15-16 16-17 17-18 17-24 17-30 18-19 19-20 20-21 21-22 22-23 23-31 31-2

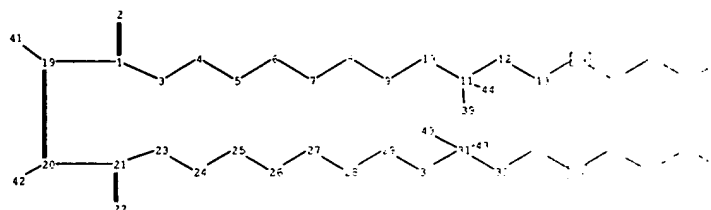
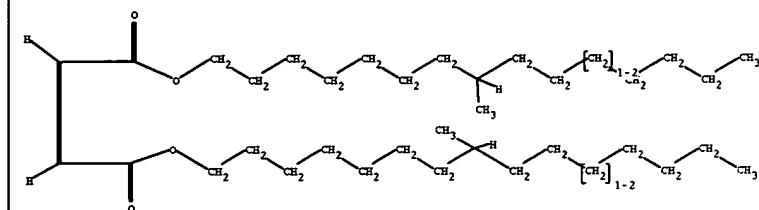
1-2    1-6    2-3    3-4    4-5    5-6

7-8    7-9

1-28 2-27 3-26 4-25 5-7 6-29 9-10 10-11 11-12 12-13 13-14 14-15 15-16 16-17  
17-18 17-24 17-30 18-19 19-20 20-21 21-22 22-23 23-31 31-32

1-2    1-6    2-3    3-4    4-5    5-6

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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS
```



## chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25  
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44

## chain bonds :

1-3 1-2 1-19 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 11-39 11-44 12-13  
13-14 14-15 15-16 16-17 17-18 19-20 19-41 20-21 20-42 21-22 21-23 23-24 24-25  
25-26 26-27 27-28 28-29 29-30 30-31 31-32 31-40 31-43 32-33 33-34 34-35 35-36  
36-37 37-38

## exact/norm bonds :

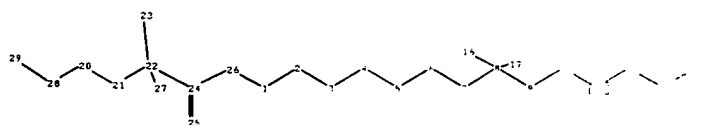
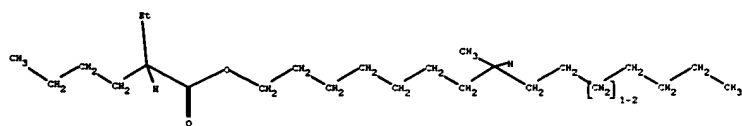
1-3 1-2 21-22 21-23

## exact bonds :

1-19 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 11-39 11-44 12-13 13-14 14-15  
15-16 16-17 17-18 19-20 19-41 20-21 20-42 23-24 24-25 25-26 26-27 27-28 28-29  
29-30 30-31 31-32 31-40 31-43 32-33 33-34 34-35 35-36 36-37 37-38

## Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS  
38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 28 29

chain bonds :

1-2 1-26 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-16 8-17 9-10 10-11 11-12 12-13  
13-14 14-15 20-21 20-28 21-22 22-23 22-24 22-27 24-25 24-26 28-29

exact/norm bonds :

24-25 24-26

exact bonds :

1-2 1-26 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-16 8-17 9-10 10-11 11-12 12-13  
13-14 14-15 20-21 20-28 21-22 22-23 22-24 22-27 28-29

Match level :

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11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 20:CLASS  
22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS